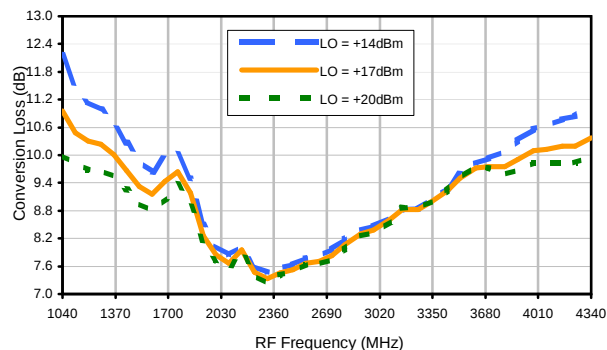
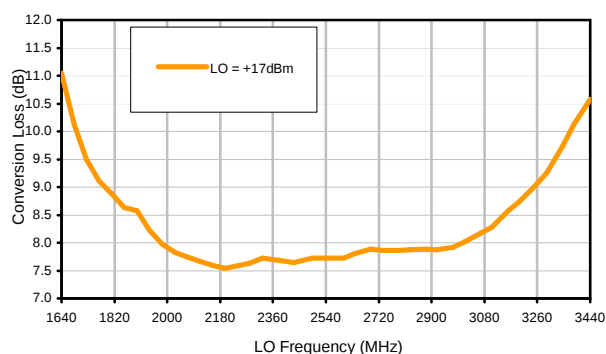


Typical Performance Curves

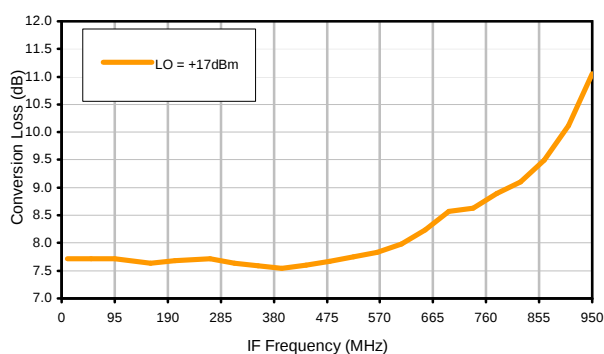
Conversion Loss @ IF=240MHz



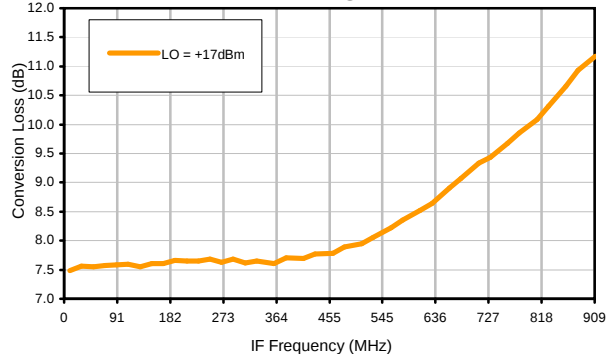
Conversion Loss vs. LO @ RF=2590.1001MHz



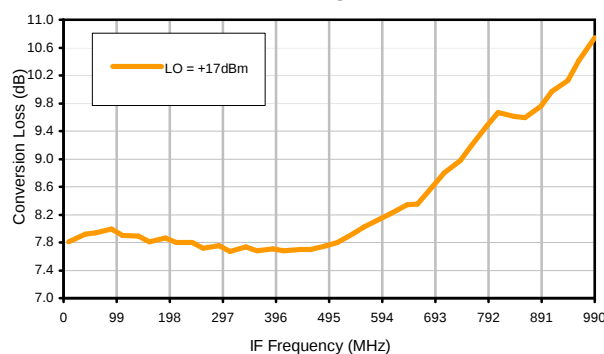
Conversion Loss vs. IF @ RF=2590.1001MHz



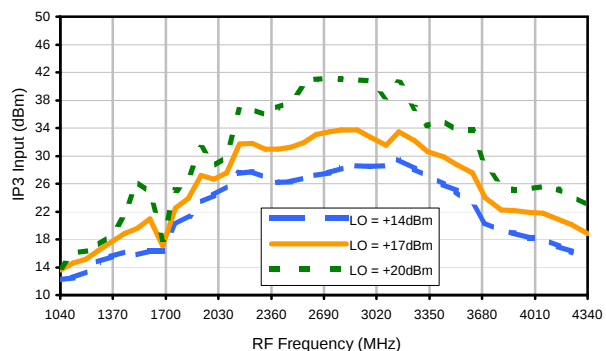
Conversion Loss vs. IF @ RF=2480.1001MHz



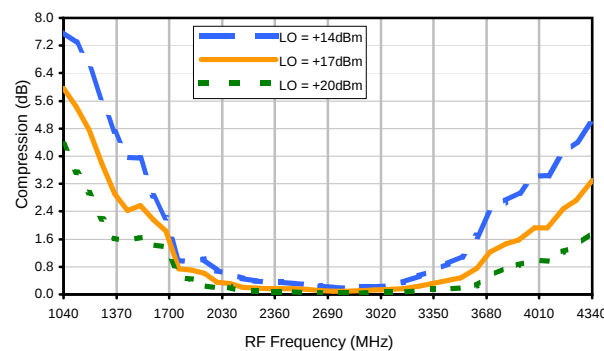
Conversion Loss vs. IF @ RF=2700.1001MHz



IP3 Input

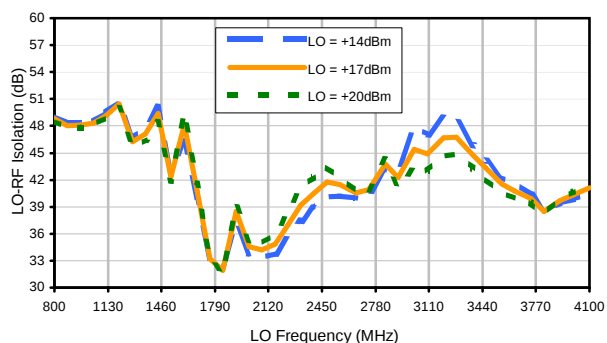


Compression @ RF IN=+15dBm

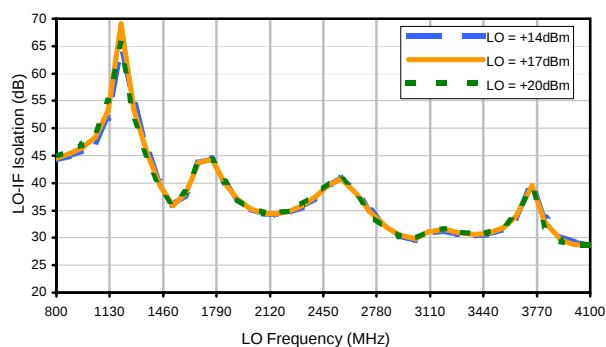


Typical Performance Curves

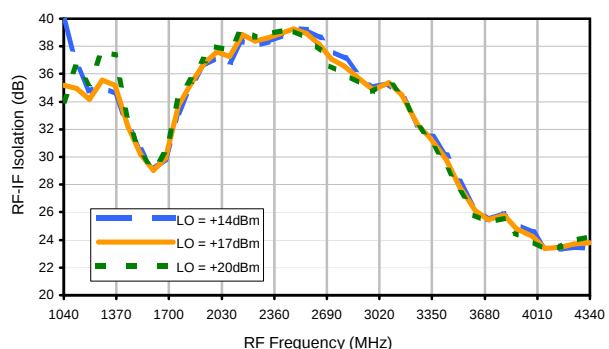
LO-RF Isolation



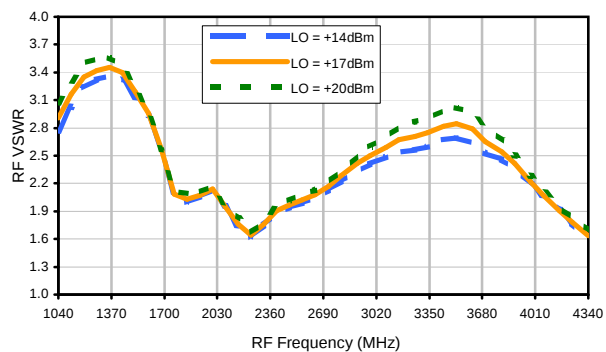
LO-IF Isolation



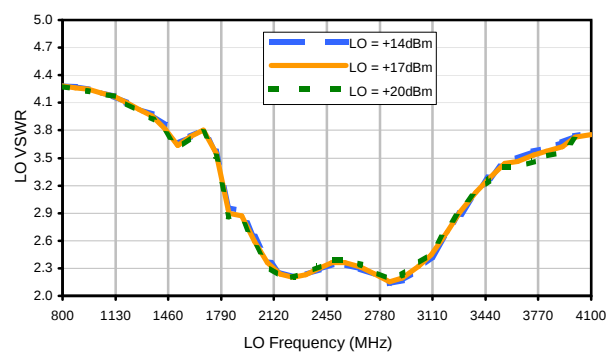
RF-IF Isolation



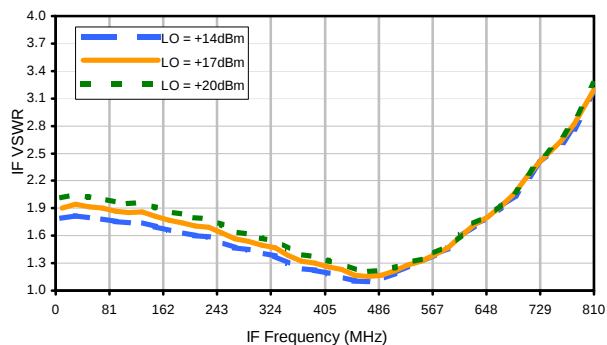
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	10	28	27	27	54	50	57	56	58
1	-	31	+0	46	33	45	32	46	40	49	75	65
2	62	64	75	58	73	67	68	72	75	68	78	78
3	>90	>82	>82	>82	76	>82	>82	>82	>82	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2590 MHz; 0.00 dBm.
LO IN: 2350 MHz; +17.00 dBm
IF OUT: 240 MHz; -7.72 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	20	39	37	38	48	62	65	72	72
1	-	31	+0	46	33	45	33	46	40	51	75	67
2	42	53	61	47	65	55	62	61	73	67	73	71
3	67	78	63	85	47	72	61	81	63	66	64	64
4	>90	>92	69	80	76	76	77	76	85	78	77	72
5	>90	85	81	>92	89	89	75	89	83	>92	>92	>92
6	>90	90	87	>92	>92	>92	88	>92	>92	>92	>92	>92
7	>90	>92	>92	>92	90	>92	>92	>92	>92	87	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	86	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	---	---	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2590 MHz; 10.00 dBm.
LO IN: 2350 MHz; +17.00 dBm
IF OUT: 240 MHz; 2.21 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.